

**Defense Information Infrastructure (DII)
Common Operating Environment (COE)**

Version 3.0.0.3

**Version Description Document
for the Kernel Patch 6
(Solaris 2.5.1)**

August 27, 1997

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NOTE: Courier font is used to indicate entries to be typed at the keyboard, UNIX commands, file and directory names, and screen text. For example:

The file is located in the DII_DEV directory.

1. System Overview

The Defense Information Infrastructure (DII) Common Operating Environment (COE) will normally make available a large number of segments, not all of which are required for every application. The DII COE kernel is the minimum set of software required on every workstation regardless of how the workstation will be used. This minimum set of software includes the operating system and windowing services, as well as external environment interfaces.

The DII COE Version 3.0.0.3 Kernel Patch 6 for Solaris 2.5.1 encompasses the following changes:

- C Patches can now be installed from the network.
- C During profile switching, execution of login processes for the newly selected profile are now supported.
- C The ReqrdsScripts are now extendable for global profiles with Security Administration and System Administration account group types.
- C Any logout process now runs to completion without being terminated by its parent.

2. Referenced Documents

The following documents are referenced in this Version Description Document:

- C DII.3003.Sol251.KernelP6.IG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3 Kernel Patch 6 Installation Guide (Solaris 2.5.1)*, August 27, 1997
- C DII.3003.Final.UNIX.Kernel.VDD-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version Description Document for the Kernel (HP and Solaris) FINAL Version 3.0.0.3*, October 29, 1996
- C DII.3003.Sol251.KernelP2.VDD-2, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3P2 Version Description Document for the Kernel Patch 2 (Solaris 2.5.1)*, April 23, 1997
- C DII.3003.Sol251.KernelP4.VDD-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3 Version Description Document for the Kernel Patch 4 (Solaris 2.5.1)*, July 31, 1997.

3. Version Description

3.1 Inventory of Materials Released

- C Magnetic media: Two 8mm tapes consisting of a relative tar of the DII COE Kernel Patch 6, Version 3.0.0.3P6 (Solaris 2.5.1)
- C Soft-copy Documentation: One 3.5" floppy diskette (WordPerfect 6.0/6.1 for Windows format) containing the *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3 Version Description Document for the Kernel Patch 6 (Solaris 2.5.1)*, Document Control No. DII.3003.Sol251.KernelP6.VDD-1, August 27, 1997
- C Hard-copy Documentation: Two hard copies of the aforementioned Version Description Document.

3.2 Software Changes

Refer to the following table for a list of software changes for the DII COE Version 3.0.0.3 Kernel Patch 6 (Solaris 2.5.1). The software changes are listed in order of INRI Number.

DII COE Version 3.0.0.3 Kernel Patch 6 (Solaris) Software Changes	
Total Software Changes: [3]	
INRI Number: RTO00001539 Agency Number: D70341 Short Description: Patch segments cannot be installed from the network. Long Description: Patch segments can be installed from tape but not from the network (NETWORK option in the Select Source window, Device panel). When attempting to install a patch from the network, the following error message appears: "Unable to get [VERSION] descriptor information. Couldn't get the patch number".	
INRI Number: RTO00001554 Agency Number: None Short Description: The Process Manager does not run logout processes upon logout. Long Description: The Process Manager does not run the commands in the session logout file upon logout. Instead, the commands are being run at the next login. This problem was tested as a basic JMCIS user. This problem has no workaround.	

DII COE Version 3.0.0.3 Kernel Patch 6 (Solaris) Software Changes**INRI Number:** RTO00001839**Agency Number:** D70551**Short Description:** The ReqrdScripts fails to update the .../global/Profiles/<account group default when a new segment is loaded.**Long Description:** The ReqrdScripts fails to update the .../global/Profiles/<account group default when a new segment is loaded. However, it update the local/Profiles directory. This problem prevents an account group environment from being extended. Since the SA and SSO account groups cannot be modified, the extensions must be placed in the appropriate profiles directory.**Workaround:** Source the /h/AcctGrp/<account group>/Scripts.cshrc.<extension> files instead. The global profiles then work since the SegInfo directive causes this area to be properly updated.**NOTE:** GSPR D70551 has been addressed for Security Administration and System Administration account groups. See Section 6, *Release Notes*, for details on how to extend the environment for global profiles with other account group types.

4. Installation Instructions

Refer to the *DII COE Version 3.0.0.3 Kernel Patch 6 Installation Guide (Solaris 2.5.1)* for instructions on installing this kernel patch.

5. Known Problems and Errors

No known problems specific to this kernel patch exist.

6. Release Notes

In order to extend the environment for global profiles with account group types other than Security Administration and System Administration, the .cshrc.{account group prefix} must be referenced by a full path in the account group's .cshrc file. For example, the /h/AcctGrps/SysAdm/Scripts/.cshrcfile should contain the line:
source /h/AcctGrps/Scripts/.cshrc.SA instead of source ./cshrc.SA

Refer to the *DII COE Version Description Document for the Kernel (HP and Solaris) FINAL Version 3.0.0.3* for more information about the DII COE Version 3.0.0.3 kernel. For information on the DII COE Version 3.0.0.3 Kernel Patches 2 and 4, refer to the appropriate DII COE 3.0.0.3 Version Description Document for each kernel patch.